

X-VS E Sensor	Size 1	Size 2
External dimensions (mm)	38.5 x 25	45 x 31.6
Thickness (mm)	4.5	4.5
Pixel matrix	1500 x 1000	1800 x 1300
Pixel size (µm)	20	20
Max. resolution (lp/mm)	25	25
Grey level depth	16-bit acquisition - max 65,535 grey levels	
Sensor technology	APS CMOS	
Scintillator technology	Direct deposition CsI (Caesium Iodide)	
Case protection rating	IP 68 (Guaranteed against liquid or dust infiltration)	
Compatibilità con generatori radiografici	Any AC or DC technology X-ray generator with values in the 60 – 70 kV and 1-8 mA range and precision control of exposure times	
Connettività	Direct USB to PC	

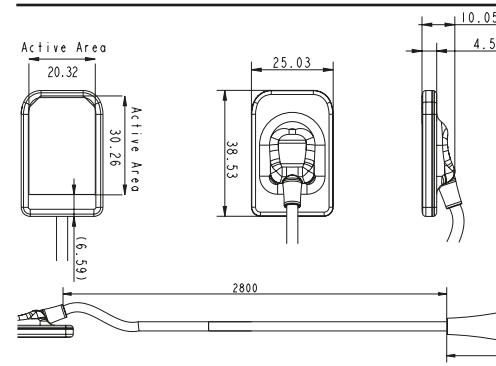
X-VS E software

Acquisition software (for PC)	iCapture with dedicated X-VS E image filters for third-party software and for automatic saving of RX DC exposure parameters on PC
Image management software (for PC)	iRYS (compliant with ISDP [®] 10003:2020 in accordance with EN ISO/IEC 17065:2012 - certificate number 2019003109-3) and iPad iRYS viewer App (free)
Protocols supported in iRYS	DICOM 3.0, TWAIN, VDDS
DICOM Node Connectivity	iRYS - IHE compliant (Print; Storage Commitment, SR document; WorkList; MPPS; Query/Retrieve)
X-ray log	iRYS feature to associate exposure parameters with the X-ray images of each examination (exportable in PDF or CSV format)

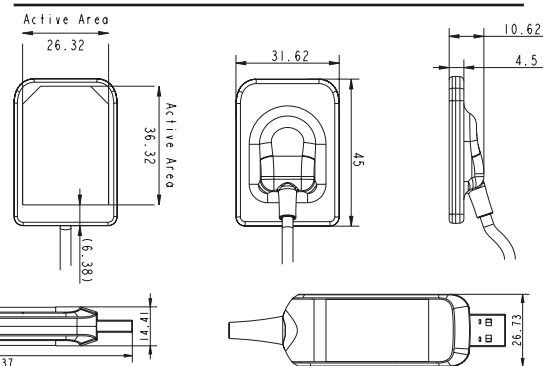
X-VS E minimum system requirements

Supported operating systems	Microsoft® Windows® 10, 11 Professional 64 bit
Processor	Intel Core i3 or higher
RAM	4 GB (8 GB recommended)
Graphics card	Discrete 3D Video Card or integrated GPU
Display settings	1280 x 1024; 1344 x 768 or greater, 16 million colours
Port	USB 2.0 or later versions
Power supply	Use a power adapter of a power suitable for the video card in use

X-VS E - 1



X-VS E - 2

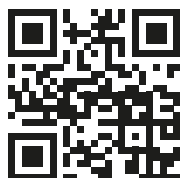


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X-VSE



Anthos
X-VS E

Intraoral
Sensor

el
evate

X-VS E SENSOR

Enhanced diagnostics

X-VS E hardware and software technologies boost diagnostic capacity and let you process/browse images with ease. This Advanced Sensor enhances dental practice performance. High resolution, extreme user-

friendliness and maximum patient comfort. The X-VS E is fluid- and dust-resistant, **certified IP68 (water-resistant)** and can be used with all X-ray systems.

Low bulk, large active area.

Just 4.5 mm thick and featuring rounded corners, the X-VS E minimises patient discomfort and streamlines workflows.

Available in 2 sizes, X-VS E optimises sensor bulk for both adult and child patients thanks to an active area that almost reaches the edge.

The sensor adapts to the anatomy of the oral cavity, reconciling the dual need for comfort and a clear diagnosis, with special positioners maximising exam accuracy.



X-VS E means real-time diagnostics, direct USB plug-and-play connection, high definition and immediate results. The on-cable stabilizer reduces energy consumption, keeping the temperature of the sensor in the oral cavity under control. Furthermore, there's no need to put the device on standby and interrupt workflows. The X-VS E uses iRYS, the all-in-one software ideal for diagnostics, communication and management of intraoral imaging: perfect for storing, managing and printing images in perfect synchronism with any other devices already in the practice.

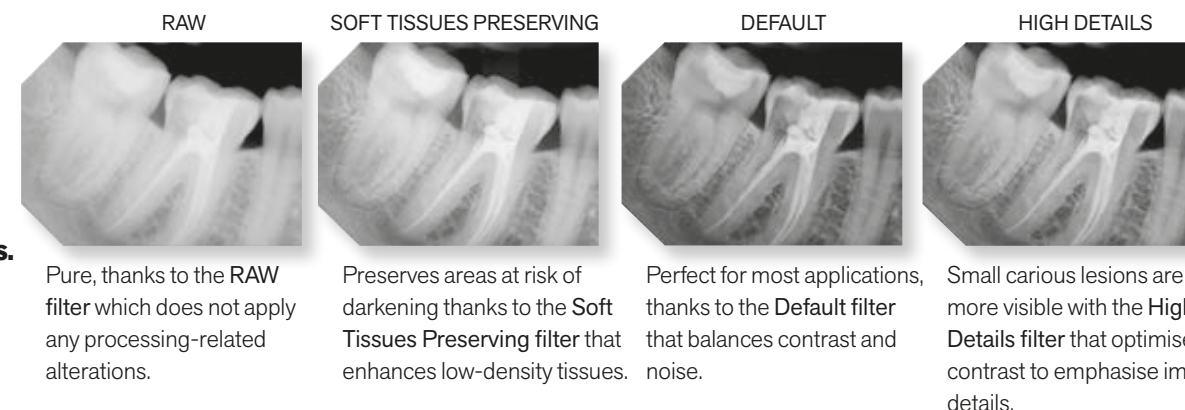
Multi-Layer image with various customised filters.

Latest-generation X-VS E image processing software helps improve diagnostic efficiency. Excellent resolution and a user-friendly software interface ensure simple, convenient image reading.



The **Anthos Multi-Layer-Images** function responds to your specific needs. Proprietary algorithms specially optimised for the X-VS E sensor let you simultaneously capture, display and share a set of images (up to 5). Each image highlights various anatomical details with different levels of sharpness. Contrast can be customised according to preferences. Afterwards, the selected settings can become the default. All this allows for more effective diagnostics. Equipped with iRYS software, X-VS E offers the most advanced, versatile image processing filter pre-setting on the market. The dentist selects which filters to use and defines any further personalisation, with everything easily accessible via the iRYS image display window. This delivers outstanding convenience every time it's used.

New set of filters to highlight all the details necessary for different clinical requirements.



High definition with same dose.

With X-VS E, the same X-ray dose yields higher levels of contrast and sharpness, delivering more detail with which to detect common dental pathologies.

Ultra-sharp images with low doses.

Even with a lower dose, images are clearly legible down to the tiniest detail.

